

Listing of Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claim 1 (Currently Amended): An airborne-sound absorbing component, in particular for motor vehicles, comprising a resonance absorber (1, 1', 1'', 1''') with a plurality of differently sized hollow chambers (2) spaced apart from each other, and comprising a porous sound-absorbing layer (8) made of an air-permeable material, which layer (8) faces the incoming sound, wherein in each instance the hollow chambers (2) chambers comprise a wall section (5, 5', 5'') which faces the incoming sound, ~~characterised in that~~ wherein the wall sections (5, 5', 5'') which face the incoming sound and are able to oscillate are closed off so as to be airtight, wherein the resonance absorber (1, 1', 1'', 1''') comprises one or several spacers (10, 10', 10'', 10''') such that at least the majority of the wall sections (5, 5', 5'') of the hollow chambers (2), which wall sections (5, 5', 5'') face the incoming sound, do not establish contact with the porous layer (8) and are able to oscillate independently of said porous layer (8).

Claim 2 (Currently Amended): The component according to claim 1, ~~characterised in that~~ wherein the spacers (10, 10') are designed such that they form one piece with the resonance absorber (1).

Claim 3 (Currently Amended): The component according to claim 1, ~~characterised in that~~ wherein the spacers (10') are glued or injection-moulded to the resonance absorber (1).

Claim 4 (Currently Amended): The component according to claim 1, ~~characterised in that~~ wherein the spacers (10'', 10''') are held with positive fit to the resonance absorber (1'', 1''') and/or are clip-lockable.

Claim 5 (Currently Amended): The component according to ~~any one of claims 1 to 4, characterised in that~~ claim 1, wherein the spacers (10, 10', 10'', 10''') are arranged between hollow chambers (2) and spaced apart from these.

Claim 6 (Currently Amended): The component according to ~~any one of claims 1 to 5, characterised in that~~ claim 1, wherein the spacers (10, 10', 10'', 10''') have different distances from a mutual reference level which is situated on an outside or inside of the resonance absorber (1, 1', 1'', 1''').

Claim 7 (Currently Amended): The component according to ~~any one of claims 1 to 6, characterised in that~~ claim 1, wherein air-filled voids, which are ensured by the spacer or spacers (10, 10', 10'', 10''') between the porous layer (8) and the wall sections (5, 5', 5'') of the hollow chambers (2), which wall sections (5, 5', 5'') face the incoming sound and are able to oscillate, differ in height.

Claim 8 (Currently Amended): The component according to ~~any one of claims 1 to 7, characterised in that~~ claim 1, wherein the porous layer (8) comprises sections which are spaced apart differently in relation to a common reference level which is situated on an outside of the resonance absorber (1'').

Claim 9 (Currently Amended): The component according to ~~any one of claims 1 to 8, characterised in that~~ claim 1, wherein the porous layer (8) is made from a layer of non-woven material and/or a layer of an open-cell cellular material.

Claim 10 (Currently Amended): The component according to ~~any one of claims 1 to 9, characterised in that~~ claim 1, wherein on the outside, the porous layer (8) is covered by a micro-perforated metal foil.

Claim 11 (Currently Amended): The component according to ~~any one of claims 1 to 10, characterised in that~~ claim 1, wherein the porous layer (8) is formed from several layers of knitted aluminium goods which are pressed together to form a mat.

Claim 12 (Currently Amended): The component according to ~~any one of claims 1 to 11, characterised in that~~ claim 1, wherein the hollow chambers (2) are of different height.

Claim 13 (Currently Amended): The component according to ~~any one of claims 1 to 12, characterised in that~~ claim 1, wherein at least several of the hollow chambers (2) are open on one side and form part of a common air space enclosed in the resonance absorber (1, 1', 1'', 1''').

Claim 14 (Currently Amended): The component according to ~~any one of claims 1 to 13, characterised in that~~ claim 1, wherein the resonance absorber (1) is a blow-moulded component.

Claim 15 (Currently Amended): The component according to ~~any one of claims 1 to 14, characterised in that~~ claim 1, wherein the resonance absorber (1', 1'', 1''') is or comprises a formed component made by swaging.

Claim 16 (Currently Amended): The component according to ~~any one of claims 1 to 15, characterised in that~~ claim 1, wherein the resonance absorber (1', 1'', 1''') is formed of a closed-cell cellular material foil.

Claim 17 (Currently Amended): The component according to ~~any one of claims 1 to 16, characterised in that~~ claim 1, wherein the resonance absorber (1, 1', 1'', 1''') comprises a structural component (3, 3', 3'', 3''') and a carrier component (4, 4') connected to it, wherein the hollow chambers (2) are formed in the structural component (3, 3', 3'', 3'''), and the structural component (3, 3', 3'', 3''') is formed from a material section whose wall thickness is smaller than that of a material section from which the carrier component (4, 4') is formed.

Claim 18 (Currently Amended): The component according to ~~any one of claims 1 to 13, characterised in that~~ claim 1, wherein the resonance absorber (1) is or comprises a formed component made by injection moulding.

Claim 19 (Currently Amended): The component according to ~~any one of claims 1 to 18, characterised in that~~ claim 1, wherein at its margin, the porous layer (8) is connected to the resonance absorber (1, 1', 1'', 1''').

Claim 20 (Currently Amended): The component according to ~~any one of claims 1 to 19, characterised in that~~ claim 1, wherein a circumferential margin area of the porous layer (8) is connected to the resonance absorber (1, 1'').

Claim 21 (Currently Amended): The component according to ~~any one of claims 1 to 20, characterised in that~~ claim 1, wherein the porous layer (8) is disconnectably connected to the resonance absorber (1').

Claim 22 (Currently Amended): The component according to ~~any one of claims 1 to 21, characterised in that~~ claim 1, wherein the porous layer (8) has a hydrophobic finish and/or an oleophobic finish.

Claim 23 (Currently Amended): The component according to ~~any one of claims 1 to 22, characterised in that~~ claim 1, wherein the porous layer (8) and the resonance absorber (1, 1', 1'', 1''') are made from plastics belonging to the same materials class.

Claim 24 (Currently Amended): The component according to ~~any one of claims 1 to 23, characterised in that~~ claim 1, wherein it is designed as an engine compartment encapsulation component and/or a underbody lining for a motor vehicle.